

For Utility,  
PCT, and  
Design Applications

• INSTRUCTIONS

**MERCHANT & GOULD**  
**United States Patent Application**  
**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name: that

I verify believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert TITLE of invention

**METHOD FOR REDUCING SHRINKAGE DURING SINTERING**  
**LOW-TEMPERATURE-CONFIRIED CERAMICS**

Check a or b

The specification of which

a.  is attached hereto

b.  was filed on \_\_\_\_\_

as application serial no. \_\_\_\_\_

and was amended on \_\_\_\_\_

(in the case of PCT-filed application) \_\_\_\_\_ (if applicable)

If PCT Application

Insert int. application  
number & filing date

described and claimed in international no. \_\_\_\_\_ filed \_\_\_\_\_

and as amended on \_\_\_\_\_ (if any), which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a). (Reprinted on back side).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

Prior applications  
Check a or b

a.  no such applications have been filed.

b.  such applications have been filed as follows:

FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 USC § 119			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

  

ALL FOREIGN APPLICATIONS, IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S)			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

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For Commissioner-in-Person  
(CIP) Applications, combine

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)
10/224,949	20 / 8 / 2002	PENDING

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Adriano, Sarah B.	Reg. No. 34,470	Gabilan, Mary Susan	Reg. No. 35,729	Paudt, Daniel M	Reg. No. P-40,123
Bazil, Bruce H.	Reg. No. 32,960	Garcia, George H.	Reg. No. 33,500	Blumken, Theodore	Reg. No. 32,200
Beard, John L.	Reg. No. 27,612	Gott, Charles E.	Reg. No. 26,894	Pollinger, Steven J.	Reg. No. 32,326
Beck, Robert C.	Reg. No. 28,184	Gorman, Alan G.	Reg. No. 38,472	Reich, John C	Reg. No. 37,701
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Byrne, Linda M.	Reg. No. 12,404	Hillman, Randall A.	Reg. No. 31,238	Schumann, Michael D	Reg. No. 30,422
Carlson, Alan G.	Reg. No. 25,959	Hollingsworth, Mark A.	Reg. No. 38,491	Schuldt, Gregory A.	Reg. No. 33,280
Carver, Charles G.	Reg. No. 35,093	Johansson, Scott W.	Reg. No. P-39,721	Shamp, Lance A.	Reg. No. 34,031
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Crawford, Robert	Reg. No. 32,122	Lacy, Paul A.	Reg. No. P-38,946	Strothoff, Kraszna M.	Reg. No. 34,259
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Farber, Michael B.	Reg. No. 32,612	Misler, Douglas P.	Reg. No. 30,300	Wood, Gregory B.	Reg. No. 28,113
Fawcett, Cole M.	Reg. No. 36,797	Naesdal, Tyler L.	Reg. No. P-40,099	Xu, Min S.	Reg. No. 39,536
Funk, Steven R.	Reg. No. 37,830	Nelson, Alba J.	Reg. No. 28,650		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould to the contrary.

Please direct all correspondence in this case to Merchant, Gould, Smith, Edell, Welter & Schmidt at the address indicated below (or if no address is specified, the first address):

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Insert FULL name(s)  
AND address(es) of  
actual inventor(s)

2	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
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SIGNATURE OF INVENTOR 201		SIGNATURE OF INVENTOR 202		SIGNATURE OF INVENTOR 203
12 April 2004		12 April 2004		12 April 2004

Each inventor must  
sign & date

Note: No legalization or  
other witness required

Revised 12/6/93